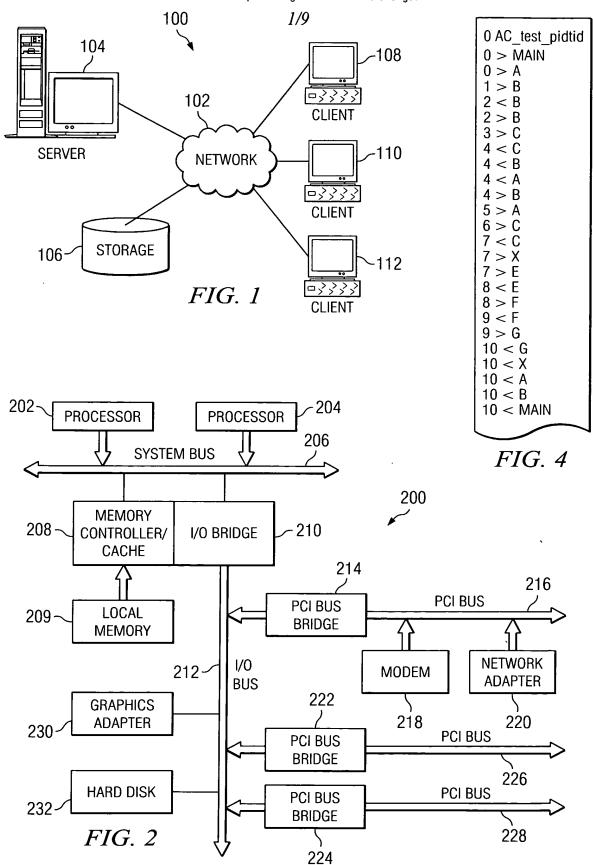
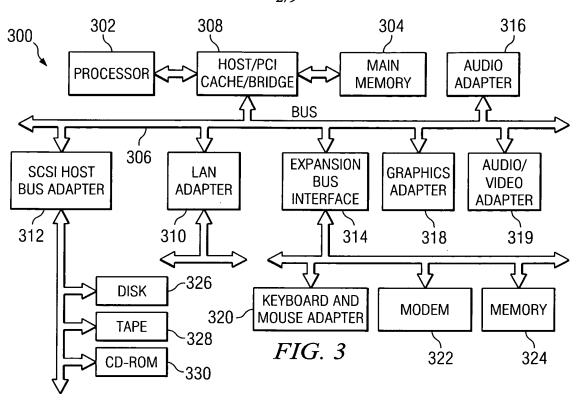
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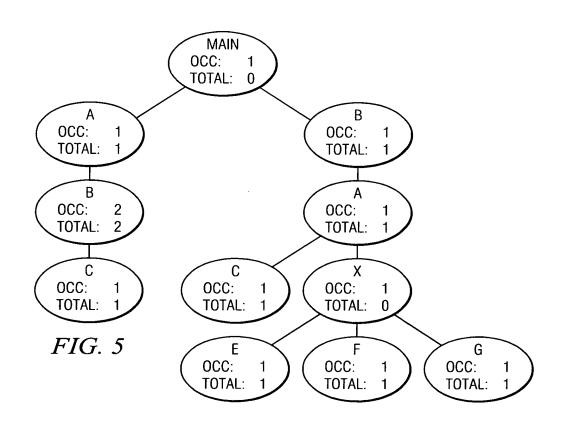
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SOURCE	CALLS		%CUM	FUNCTION
=====	====	======	======	=====
SELF	1	0.00	100.00	[0] AC_test_pidtid
CHILD		0.00	100.00	MAIN
PARENT SELF	1	0.00 0.00	100.00 100.00	===== AC_test_pidtid [1] MAIN
CHILD CHILD	1	10.00 10.00 ======	60.00 40.00	B A ——————
PARENT PARENT SELF CHILD CHILD	2 1 3 1	20.00 10.00 30.00 10.00 10.00	30.00 60.00 90.00 50.00 10.00	A MAIN [2] B A C
PARENT	1	10.00	40.00	MAIN B [3] A B X C
PARENT	1	10.00	50.00	
SELF	2	20.00	90.00	
CHILD	2	20.00	30.00	
CHILD	1	0.00	30.00	
CHILD	1	10.00	10.00	
PARENT	1	0.00	30.00	A
SELF	1	0.00	30.00	[4] X
CHILD	1	10.00	10.00	E
CHILD	1	10.00	10.00	G
CHILD	1	10.00	10.00	F
PARENT	1	10.00	10.00	A
PARENT	1	10.00	10.00	B
SELF	2	20.00	20.00	[5] C
PARENT	1	10.00	10.00	X
SELF		10.00	10.00	[6] E
PARENT SELF	==== 1 1 =====	10.00 10.00 ======	10.00 10.00	====== X [7] F
PARENT	1	10.00	10.00	X
SELF		10.00	10.00	[8] G

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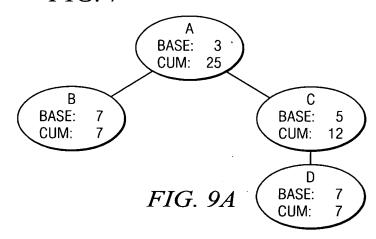
TOTA	AL: 10	CPU SECO	NDS		
Lv	RL	CALLS	%BASE	%CUM	INDENT HkKey_HkName
0	1	1	0.00	100.00	AC test pidtid
1	1	1	0.00	100.00	- MAIN ^{—.}
2	1	1	10.00	40.00	A
3	1	2	20.00	30.00	B
4	1	1	10.00	10.00	C
2	1	1	10.00	60.00	B A
3	1	1	10.00	50.00	A
4	1	1	10.00	10.00	C
4	1	1	0.00	30.00	X
5	1	1	10.00	10.00	+E
5	1	1	10.00	10.00	+F
5	1	1	10.00	10.00	+G

FIG. 7

TRACE DATA FOR EXECUTION OF FIRST BUILD OF COMPUTER PROGRAM

0 pidtid 3 > A	xyz
2 > B	
7 < B	
1 > C	
5 > D	
7 < D	
/ \ \	

FIG. 8A



TRACE DATA FOR EXECUTION OF SECOND BUILD OF COMPUTER PROGRAM

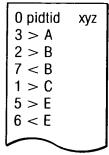
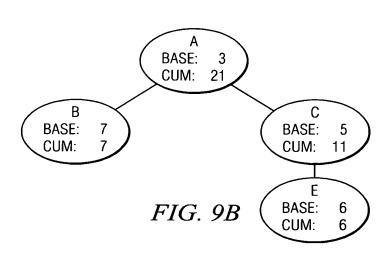


FIG. 8B



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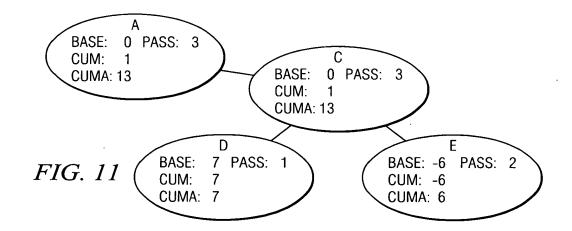
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	TOTAL: 25 CPU SECONDS										
	Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	INDENT HkKey_HkName			
1	0	1	2	12.00	100.00	3	25	xyz pidtid			
	1	1	1	12.00	88.00	3	22	- A			
	2	1	1	28.00	28.00	7	7	B			
١	2	1	1	20.00	48.00	5	12	C			
	3	1	1	28.00	28.00	7	7	D			
1											

FIG. 10A

TOTAL: 24 CPU SECONDS									
Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	INDENT HkKey_HkName		
0	1	2	12.50	100.00	3	24	xyz pidtid		
1	1	1	12.50	87.50	3	21	- A		
2	1	1	29.17	29.17	7	7	B		
2	1	1	20.83	45.83	5	11	C		
3	1	1	25.00	25.00	6	6	E		
l									

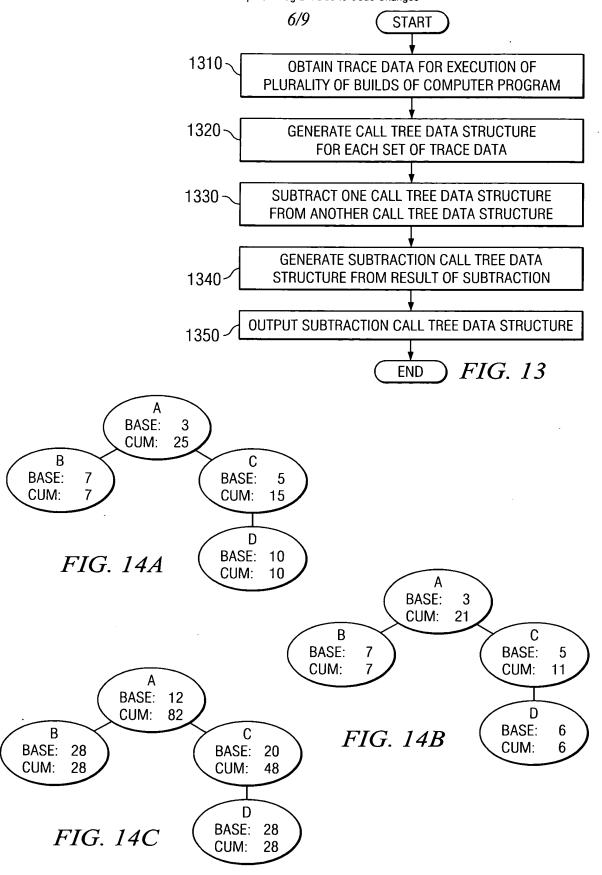
FIG. 10B



TOI	TOTAL: 25 CPU SECONDS IN TREE A USED AS BASE FOR PERCENTAGES										
Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	CumA	PASS	INDENT HkKey_HkName		
0	1	0	0.00	4.00	0	1	13		difference pidtid		
1	1	0	0.00	4.00	0	1	13	3	- A		
2	1	0	0.00	4.00	0	1	13	3	C		
3	1	1	28.00	28.00	7	7	7	1	D		
3	1	-1	-24.00	-24.00	-6	-6	6	2	E		

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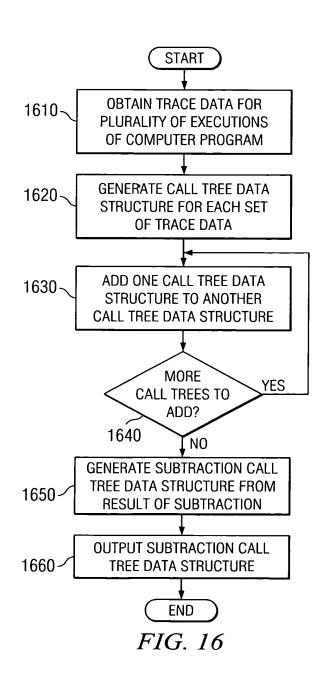


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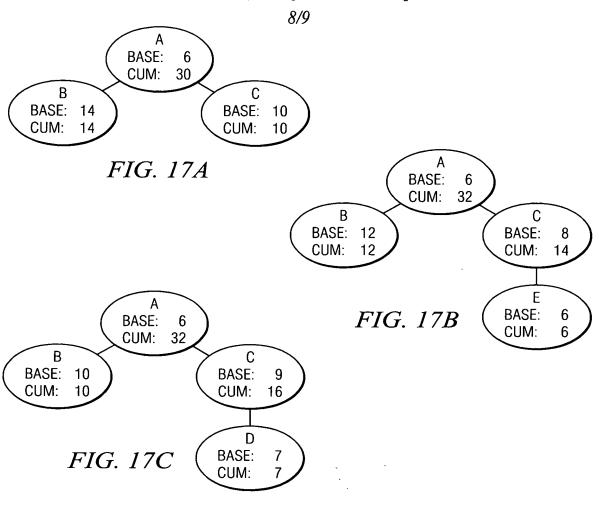
Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	CumA	INDENT HkKey_HkName
0	1	3	12.16	100.00	9	74	74	bigtree_pidtid
1	1	3	12.16	87.84	9	65	65	- A
2	1	3	28.38	28.38	21	21	21	B
2	1	3	20.27	47.30	15	35	35	C
3	1	2	18.92	18.92	14	14	14	D
3	1.	1	8.11	8.11	6	6	6	E
				_				

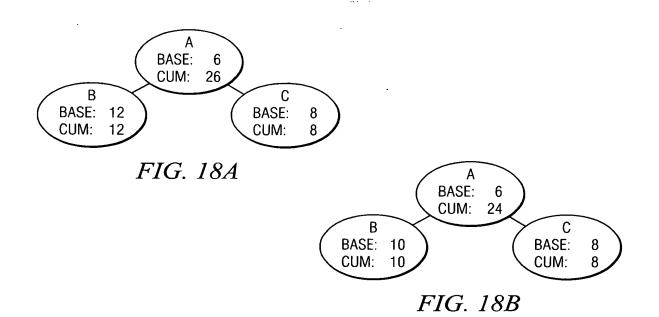
FIG. 15



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